

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2004/015368

A. CLASSIFICATION OF SUBJECT MATTER
Int.Cl.⁷ H04B7/26

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
Int.Cl.⁷ H04B7/24-7/26, H04Q7/00-7/38

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
Jitsuyo Shinan Koho 1922-1996 Toroku Jitsuyo Shinan Koho 1994-2005
Kokai Jitsuyo Shinan Koho 1971-2005 Jitsuyo Shinan Toroku Koho 1996-2005

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	JP 2001-24665 A (Victor Company Of Japan, Ltd.), 26 January, 2001 (26.01.01), Full text; all drawings; particularly, Par. No. [0003] (Family: none)	1-3, 5, 6, 8, 31-33, 39, 77, 78, 102, 103, 116, 126, 135, 136, 159, 165-167, 169, 170, 172, 195-197, 241, 242
Y		122, 123, 155, 156

☒ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search
08 February, 2005 (08.02.05)

Date of mailing of the international search report
08 March, 2005 (08.03.05)

Name and mailing address of the ISA/
Japanese Patent Office

Authorized officer

Facsimile No.

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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	JP 2001-156723 A (NTT Docomo Inc.), 08 June, 2001 (08.06.01), Full text; all drawings; particularly, abstract; Claims 1 to 3	1-3, 5, 6, 8, 39, 165-167, 169, 170, 172, 203
Y	(Family: none)	31-33, 77, 78, 102, 103, 116, 122, 123, 126, 135, 136, 155, 156, 159, 195-197, 241, 242
Y	JP 2003-224677 A (Sony Corp.), 08 August, 2003 (08.08.03), Abstract; Claim 1; Par. Nos. [0091] to [0094] (Family: none)	122, 123, 155, 156

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Box No. II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

- 1 ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:
- 2 ☐ Claims Nos.:
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:
- 3 ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 64(a).

Box No. III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

Because of the reasons given below, this international application includes 20 groups of inventions which do not satisfy the requirement of unity of invention.

Main group: "claims 1-3, 5, 6, 8, 31-33, 39, 77, 78, 102, 103, 116, 122, 123, 126, 135, 136, 155, 156, 159, 165-167, 169, 170, 172, 195-197, 203, 241, 242"

Group 2: "claims 4, 92, 93, 161-164, 168, 256, 257"

Group 3: "claims 7, 115, 121, 148, 154, 171"

Group 4: "claims 9-14, 82, 112-114, 127, 145-147, 160, 173-178, 246"

Group 5: "claims 15-18, 128, 132-134, 179-182" (Continued to extra sheet)

- 1 ☐ As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.
- 2 ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
- 3 ☐ As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:

- 4 ☒ No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:
Claims 1-3, 5, 6, 8, 31-33, 39, 77, 78, 102, 103, 116, 122, 123, 126, 135, 136, 155, 156, 159, 165-167, 169, 170, 172, 195-197, 203, 241, 242

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☒ No protest accompanied the payment of additional search fees.

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Continuation of Box No.III of continuation of first sheet(2)

- Group 6: "claims 19-23, 105, 106, 138, 139, 183-187"
- Group 7: "claims 24, 25, 188, 189"
- Group 8: "claims 26, 87, 88, 104, 120, 130, 137, 190, 251, 252"
- Group 9: "claims 27, 28, 86, 191, 192, 250"
- Group 10: "claims 29, 30, 119, 152, 193, 194"
- Group 11: "claims 34, 35, 107, 140, 198, 199"
- Group 12: "claims 36-38, 118, 151, 200-202"
- Group 13: "claims 83, 89, 153, 247, 253"
- Group 14: "claims 40-76, 110, 111, 117, 125, 143, 144, 149, 150, 204-240"
- Group 15: "claims 79-81, 243-245"
- Group 16: "claims 84, 108, 109, 141, 142, 158, 258"
- Group 17: "claims 85, 124, 157, 249"
- Group 18: "claims 90, 91, 129, 254, 255"
- Group 19: "claims 94-99, 131, 258-263"
- Group 20: "claims 100, 101, 264, 265"

The matter common to the inventions of claims 1-265 is an information acquisition device disclosed in claim 1.

However, the search has revealed that this information device is not novel since it is disclosed in document 1: JP 2001-24665 A (Victor Company Of Japan, Ltd.), 26 January, 2001 (26.01.01), Abstract, claim 1, and Par. Nos. [0001] to [0003] or document 2: JP 2001-156723 A (NTT Docomo Inc.), 08 June, 2001 (08.06.01), Abstract, claims 1, 2.

As a result, the information acquisition device of claim 1 makes no contribution over the prior art and this common matter ('the information acquisition device) cannot be "a special technical feature" within the meaning of PCT Rule 13.2, second sentence.

When the aforementioned prior art is compared to the second to the twentieth group of inventions, the respective "(temporary) special technical features" are as follows: "an address other than its own address is included"; "a selection unit for selecting information"; "a setting unit for setting information associated with the type of information acquired"; "a server address extraction unit, and a second transmission unit for performing signal transmission in the format different from the first transmission unit"; "an alarm unit for performing an alarm when the information is incomplete"; "an information size setting unit for setting the maximum value of the information capacity"; "a user information storage unit for storing information relating to a user"; "a device information storage unit for storing device information"; "an information acquisition history storage unit for storing information identification information"; "a control program update unit for extracting a control program for the signal received"; "an information acquisition device further including an encryption unit performing ..by the encryption key"; "an information providing device further including an encryption unit for encrypting the information"; "an imaging unit for acquiring image data"; "an information providing device further including a second information reception unit"; "a signal transmission unit for notifying that information can be provided"; "the first information reception unit includes a plurality of reception units and further an information selection unit for selecting information to be provided in accordance with the respective reception units"; "information providing history database"; "a third information transmission unit, and a third information reception unit"; "an information processing unit for processing the information."

There is no technical relationship among those inventions of group 1 to group 20 involving one or more of the same or corresponding special technical feature.

(Continued to next page)

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Continuation of Box No.III of continuation of first sheet(2)

It should be noted that claims 126 and 159 correspond to claims 103 and 136 with addition of a known technique and they are classified in the same groups of claims 103 and 136.

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